ADVANCED DRUG DELIVERY REVIEWS

Vol. 39, Nos. 1–3 **CONTENTS** **18 October 1999**

Cited in: *BIOSIS\Biological Abstracts; Chemical Abstracts Service; Current Contents (Life Sciences); EMBASE\Excerpta Medica; Elsevier BIOBASE\Current Awareness in Biological Sciences; International Pharmaceutical Abstracts; Science Citation Index*

Theme Title: DELIVERY OF ANTI-HIV DRUGS

Y.H. Lee and P.J. Sinko (USA)
Preface 1

R.J. Sawchuk and Z. Yang (USA)
Investigation of distribution, transport and uptake of anti-HIV drugs to the central nervous system 5

J.H. Lin (USA)
Role of pharmacokinetics in the discovery and development of indinavir 33

M.E. Schaner, K.M. Gerstin, J. Wang and K.M. Giacomini (USA)
Mechanisms of transport of nucleosides and nucleoside analogues in choroid plexus 51

L.I. Wiebe and E.E. Knaus (Canada)
Concepts for the design of anti-HIV nucleoside prodrugs for treating cephalic HIV infection 63

X. Li and W.K. Chan (USA)
Transport, metabolism and elimination mechanisms of anti-HIV agents 81

B.J. Aungst (USA)
P-glycoprotein, secretory transport, and other barriers to the oral delivery of anti-HIV drugs 105

X. Tan, C.K. Chu and F.D. Boudinot (USA)
Development and optimization of anti-HIV nucleoside analogs and prodrugs: A review of their cellular pharmacology, structure-activity relationships and pharmacokinetics 117

G. Giammona, G. Cavallaro and G. Pitarresi (Italy)
Studies of macromolecular prodrugs of zidovudine 153

M.B. Yatvin, W. Li, M.J. Meredith and M.A. Shenoy (USA)
Improved uptake and retention of lipophilic prodrug to improve treatment of HIV 165

P.V. Balimane and P.J. Sinko (USA)
Involvement of multiple transporters in the oral absorption of nucleoside analogues 183

G.C. Williams and P.J. Sinko (USA)
Oral absorption of the HIV protease inhibitors: a current update 211

CONTENTS Direct

This journal is part of **ContentsDirect**, the ***free*** alerting service which sends tables of contents by e-mail for Elsevier Science books and journals. You can register for **ContentsDirect** online at: **www.elsevier.nl/locate/contentsdirect**

0169-409X(19991018)39:1/3;1-I

5000